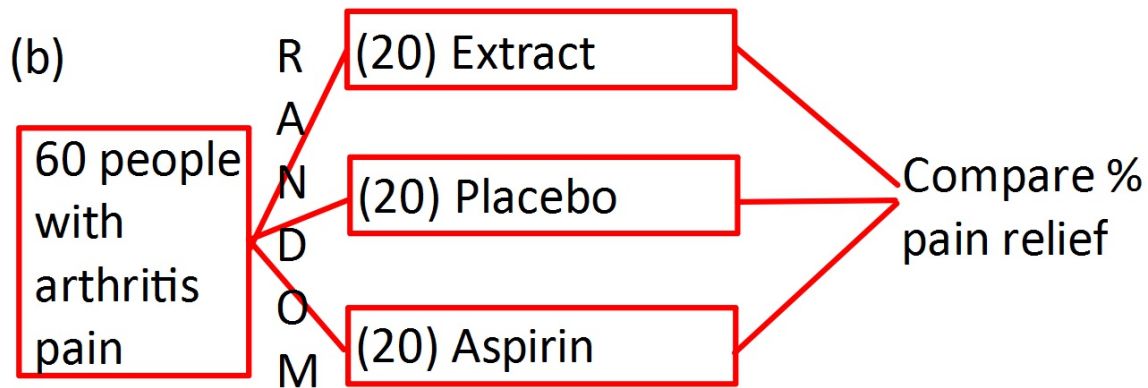


p. 279 #29

(a) We won't know if the extract is working if we don't have a control group.



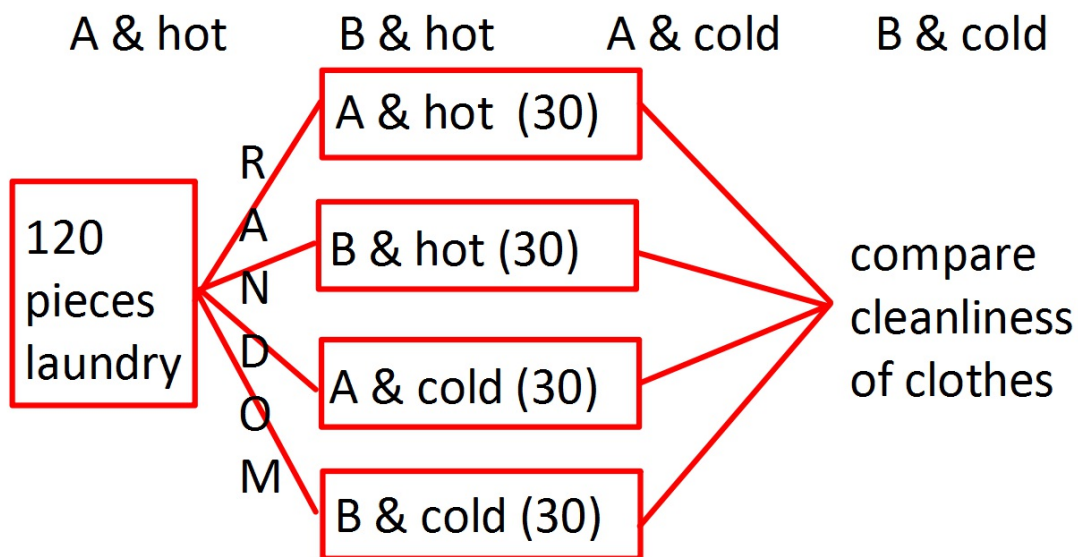
(c) No, we should not tell them which trt they are getting. We might see the placebo effect.

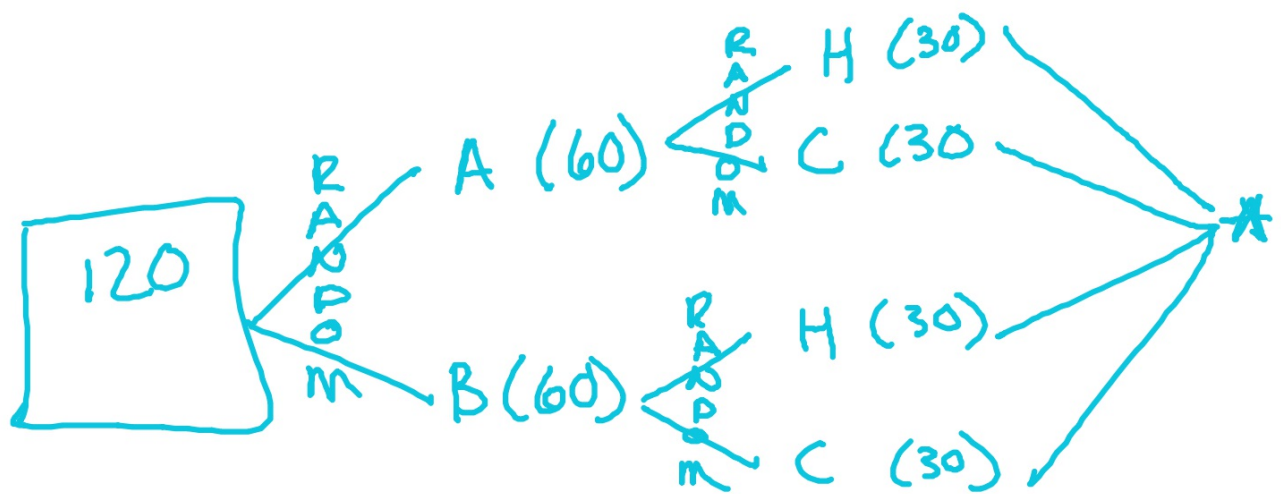
(d) yes it should! reduces bias of researchers.

p. 283 #37

- (a) Individuals = 120 pieces of laundry  
Explan. Var. = Detergent & water temp  
Respon. Var. = cleanliness of clothes

(b) Treatments: 30 pieces of laundry in each





(c) \* Give each piece of laundry a #001-120.

- \* Read across the table every 2 digits.

- \* Ignore #121- 999, 000, and repeats

- \* First 30 numbers go to Trt 1 (A & hot)

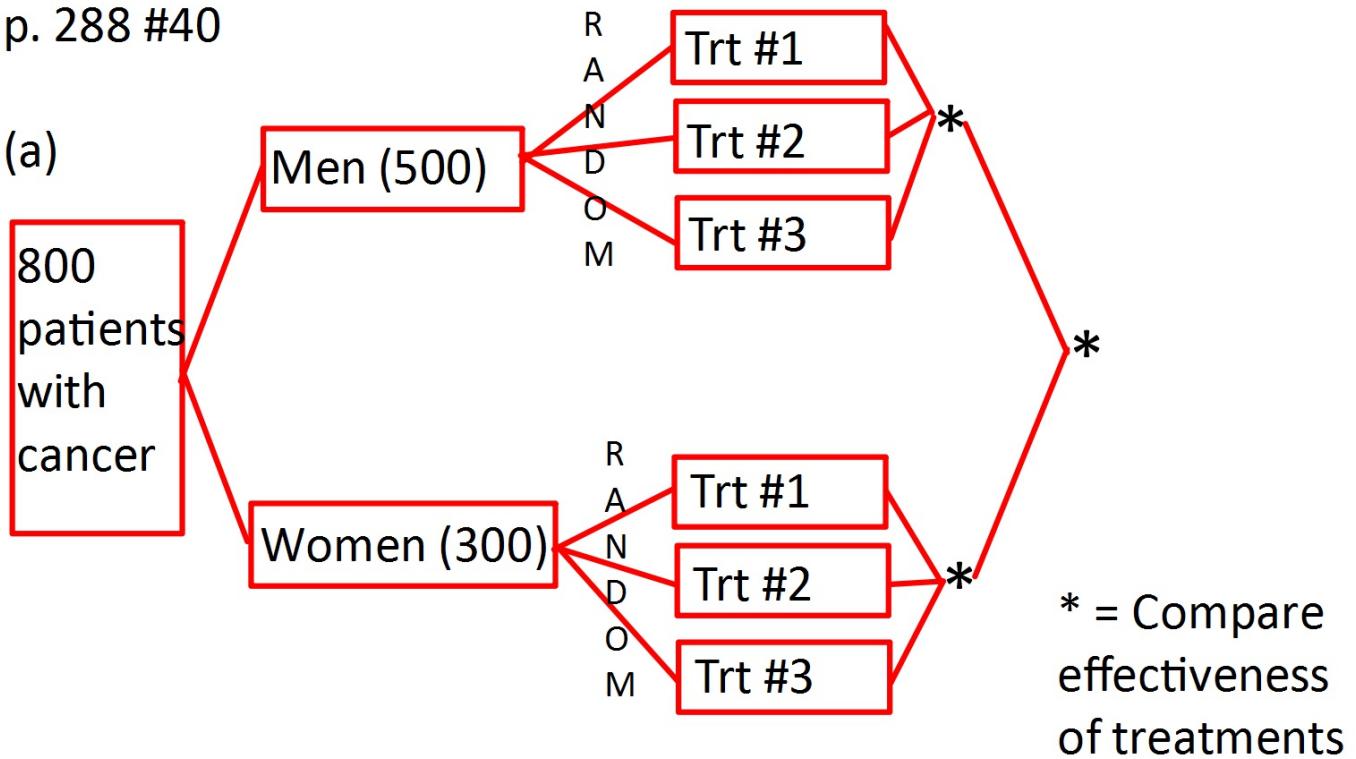
  - Next 30 numbers to Trt 2 (B & hot)

  - Next 30 numbers to Trt 3 (A & cold)

  - All those left go to Trt 4 (B & cold)

p. 288 #40

(a)



(b) advantage is that we can eliminate gender as a lurking variable.

p. 290 #48 (not c)

(a) Treatments:

Orally & Level 1	Orally & Level 2
Skin Inj & Level 1	Skin Inj & Level 2
Vein Inj & Level 1	Vein Inj & Level 2

(b)

